

U10 LON FT USB Network Interface

U10 FT is a low-cost, high-performance LON FT interface for the SmartConnect Edge Server software and computers with Microsoft Windows.

U10 FT connects directly to LON TP/FT-10 Free Topology (FT) Twisted Pair (ISO/IEC 14908-2) channels through a removable connector and is fully compatible with LON link-powered channels.

You can use U10 FT with the SmartConnect Edge Server software and with any OpenLDV-compliant application including the IzoT Commissioning Tool, OpenLNS Commissioning Tool, LonMaker Integration Tool, LonScanner Protocol Analyzer, and other tools and application compatible with OpenLDV.

See edgedocs.enocean.com for more information.

Specifications

LON Transceiver	TP/FT-10 Free Topology (FT) Twisted Pair (ISO/IEC 14908-2)
LON Data Rate	78 kbps
LON Network Connector	Removable lever-arm spring-clamp connector
USB Interface Connector	USB-A
USB Extension Cable	460mm with USB-A connectors
USB Operating Input Current	110mA maximum @5VDC
LED Indicators	LON Transmit (green) LON Receive (green) LON Service (amber)
Temperature	
Operating	0 to +70°C
Non-operating	-20° to +85°C
Humidity	
Operating (non-condensing)	25 to 90% RH @ +50°C
Non-operating (non-condensing)	95 RH @ +70°C
Shock and Vibration	ETS1300 019-2-3 T3.2
Dimensions	19.9 x 113.3 x 22.4 mm
EMC	EN55032 Class B; EN 55035; FCC Part 15 Level B CISPR 22 Class B
Agency Listings	IEC/UL 62368-1; EN IEC 62368-1 cTUVus; CE; UKCA; C-Tick
Warranty	1-year limited warranty



Features

- USB interface for LON FT networks
- Compliant with ISO/IEC 14908-1 and ISO/IEC 14908-2 LON standards
- Compatible with EnOcean SmartConnect Edge Server software
- Compatible with the EnOcean OpenLDV driver for Microsoft Windows
- LON transmit, receive, and service LEDs
- Powered by 5V USB input

TYPE	MODEL NUMBER
U10 FT	75010R